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IN THE CLAIMS

The current claims follow. For claims not marked as amended in this response, any difference in the claims below and the previous state of the claims is unintentional and in the nature of a typographical error.

1 - 20. (Cancelled)

21. (Currently Amended) For use in a wireless network communications system, an apparatus for handing off a supplemental channel during a high speed packet data call comprising:
a source base station in communication with a mobile station and a target base station,
wherein said target base station is in communication with said source base station and said mobile station,

wherein said source base station is configured to hand off said supplemental channel to said target base station during said high speed packet data call in accordance with a handoff required message containing supplemental channel configuration information about the said supplemental channel being used by said mobile station, wherein the supplemental channel configuration information comprises information on a supplemental channel burst duration, and

wherein said target base station receives said supplemental channel when said supplemental channel is handed off from said source base station.

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22. (Previously Presented) The apparatus as set forth in Claim 21 wherein said source base station hands off said high speed packet data call on said supplemental channel to said target base station; and

wherein said target base station receives said high speed packet data call on said supplemental channel handed off from said source base station.

23. (Previously Presented) The apparatus as set forth in Claim 22 wherein said source base station is configured to activate a non-retransmission mode of a Radio Link Protocol (RLP) in said source base station and in said target base station.

24. (Previously Presented) The apparatus as set forth in Claim 22 wherein said source base station comprises a first packet data handoff controller configured to send said supplemental channel configuration information to said target base station, and

wherein said target base station comprises a second packet data handoff controller configured to receive said supplemental channel configuration information from said source base station.

25. (Currently Amended) The apparatus as set forth in Claim 24 wherein said supplemental channel configuration information comprises one of: a supplemental channel forward data rate, a supplemental channel reverse data rate, ~~a supplemental channel burst duration~~, and a supplemental channel radio configuration.

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26. (Previously Presented) The apparatus as set forth in Claim 24 wherein said first packet data handoff controller is configured to send Radio Link Protocol (RLP) configuration information to said target base station, and

wherein said second packet data handoff controller receives said Radio Link Protocol (RLP) configuration information from said source base station.

27. (Previously Presented) The apparatus as set forth in Claim 26 wherein said first packet data handoff controller hands off to said target base station said high speed packet data call on said supplemental channel starting at a selected Radio Link Protocol (RLP) frame identified in said Radio Link Protocol (RLP) configuration information, and

wherein said second packet data handoff controller receives from said source base station said high speed packet data call on said supplemental channel starting at said selected Radio Link Protocol (RLP) frame identified in said Radio Link Protocol (RLP) configuration information.

28. (Currently Amended) For use in a wireless network communications system comprising a source base station capable of communicating with a mobile station and with a target base station, wherein said target base station communicates with said mobile station and with said source base station, a method for handing off a supplemental channel during a high speed packet data call from said source base station to said target base station, said method comprising the steps of:

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providing said source base station configured to hand off said supplemental channel to said target base station according to a handoff required message containing supplemental channel configuration information about the said supplemental channel being used by said mobile station, wherein the supplemental channel configuration information comprises information on a supplemental channel burst duration;

providing a target base station configured to receive said supplemental channel when said supplemental channel is handed off from said source base station; and

handing off said supplemental channel from said source base station to said target base station during said high speed packet data call.

29. (Previously Presented) The method as claimed in Claim 28 further comprising the step of activating a non-retransmission mode of a Radio Link Protocol (RLP) in said source base station and in said target base station.

30. (Previously Presented) The method as claimed in Claim 28 wherein said step of providing said source base station further comprises the step of providing a packet data handoff controller configured to send said supplemental channel configuration information to said target base station.

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31. (Currently Amended) The method as claimed in Claim 30 wherein said supplemental channel configuration information comprises one of: a supplemental channel forward data rate, a supplemental channel reverse data rate, ~~a supplemental channel burst duration~~, and a supplemental channel radio configuration.

32. (Previously Presented) The method as claimed in Claim 28 wherein said step of providing said target base station further comprises the step of providing a packet data handoff controller configured to receive supplemental channel configuration information from said source base station.

33. (Previously Presented) The method as claimed in Claim 32 wherein said supplemental channel configuration information comprises one of: a supplemental channel forward data rate, a supplemental channel reverse data rate, a supplemental channel burst duration, and a supplemental channel radio configuration.

34. (Previously Presented) For use in a wireless network communications system comprising a source base station in communication with a mobile station and with a target base station, wherein said target station communicates with said mobile station and with said source base station, a method for handing off a supplemental channel during a high speed packet data call from said source base station to said target base station, said method comprising the steps of:

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providing said source base station configured to hand off said supplemental channel to a target base station according to a handoff required message containing supplemental channel configuration information about the said supplemental channel being used by said mobile station, wherein the supplemental channel configuration information comprises information on a supplemental channel burst duration;

providing said target base station configured to receive said supplemental channel when said supplemental channel is handed off from said source base station;

activating a non-retransmission mode of a Radio Link Protocol (RLP) in said source base station and in said target base station;

sending said supplemental channel configuration information from said source base station to said target base station;

sending Radio Link Protocol (RLP) configuration information from said source base station to said target base station;

handing off a high speed packet data call from said source base station to said target base station on said supplemental channel; and

receiving in said target base station said high speed packet data call on said supplemental channel starting at a selected Radio Link Protocol (RLP) frame identified in said Radio Link Protocol (RLP) configuration information.

35. (Previously Presented) The method as claimed in Claim 34 wherein said step of

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providing said source base station further comprises the step of providing a packet data handoff controller configured to send said supplemental channel configuration information and Radio Link Protocol (RLP) configuration information to said target base station.

36. (Currently Amended) The method as claimed in Claim 35 wherein said supplemental channel configuration information comprises one of: a supplemental channel forward data rate, a supplemental channel reverse data rate, ~~a supplemental channel burst duration~~, and a supplemental channel radio configuration.

37. (Previously Presented) The method as claimed in Claim 34 wherein said step of providing said target base station further comprises the step of providing a packet data handoff controller configured to receive supplemental channel configuration information and Radio Link Protocol (RLP) configuration information from said source base station.

38. (Previously Presented) The method as claimed in Claim 37 wherein said supplemental channel configuration information comprises one of: a supplemental channel forward data rate, a supplemental channel reverse data rate, a supplemental channel burst duration, and a supplemental channel radio configuration.

39. (Previously Presented) The method as claimed in Claim 34 further comprising the

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steps of:

sending a Handoff Required message from said source base station to a mobile switching center, wherein said Handoff Required message contains supplemental channel configuration information and Radio Link Protocol (RLP) configuration information;

sending a Handoff Request message from said mobile switching center to said target base station, wherein said Handoff Request message contains supplemental channel configuration information and Radio Link Protocol (RLP) configuration information;

sending a Handoff Request Acknowledgement message from said target base station to said mobile switching center indicating that said target base station can support said high speed packet data call;

connecting said target base station to a packet data server node to receive said high speed packet data call;

handing off said high speed packet data call from said source base station to said target base station on said supplemental channel; and

receiving in said target base station said high speed packet data call on said supplemental channel starting at a selected Radio Link Protocol (RLP) frame identified in said Radio Link Protocol (RLP) configuration information.

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40. (Previously Presented) The method as claimed in Claim 39 wherein said step of handing off said high speed packet data call from said source base station to said target base station on said supplemental channel comprises the steps of:

 sending a Handoff Command message from said mobile switching center to said source base station to cause said high speed packet data call to be handed off to said target base station; and

 sending a Handoff Direction message from said source base station to said mobile station to inform said mobile station of said handoff of said high speed packet data call to said target base station.